RALEIGH AMATEUR RADIO SOCIETY

RARS

WORLDWIDE FRIENDSHIP

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P. O. BOX 12541

"Raleigh Amateur Radio Society News"

MARCH - 1971 ISSUE 17

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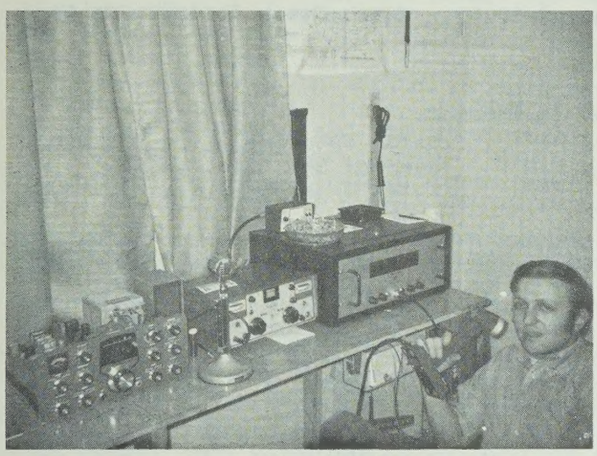
MEET YOUR MEMBERS - DAN WOLFE, WB2VKJ



Coming to us from Brooklyn, New York is Dan Wolfe, better known as "Crystal" by you Wouff Houng boys. Dan presently lives at 200 Avery Street in Garner with his wife, Sandy, a Registered Nurse, and two-year old daughter, Crystal Denise. (Dan says that w/a name like that his daughter has got to be a ham, but right now is QRM on 2 meters.) He is an avid two-meter FM'er with his Aerotron 6N100 base station, operates six meters also with an SB110 and Lafayette HA460, and likes to listen on twenty meters on occasions w/a Satellite S20B. (Has anyone ever heard of one?)

Dan came to Raleigh from Lynchburg, Virginia where he worked for G.E., and is currently employed by Aerotron, Inc. He is working on his BS degree in Electrical Engineering at State University in the evenings. Previously he studied Electrical Technology at New York City Community College, where he first became interested in ham radio.

Dan has been an active member of RARS for some time & surely many recall his friendly voice at the controls of the two - meter talk - in station during the convention this past fall. He is Field Day Chairman for 1971 and is already planning a good one, so everyone start blowing the dust off of their portable gear. Look for Dan on 146.94 MHz and let him know you are interested in helping out.

Tom, WA4OTA

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NEXT MEETING

The next monthly meeting of the RARS will be held Wednesday evening, March 3/7:30 PM. Lee Johnson, WA4ZNA, Vice-President & program chairman of the club, will take to the floor for the program. He said it was about time he had his say so. He will have a program on SSB speech processing and two-meter preamps. There should be something that everyone will enjoy and learn from.

It will be held at the Civil Defense Headquarters in the basement of the N.C. State Government Administrative Building, 116 W. Jones Street. Ample parking is available behind the building. Please enter through the back door...And Bring A Friend.

DUES REMINDER

Remember that March 1st is the date that yearly dues fall payable to the club. Full members are assessed $ 10.00; associate members $ 2.50. Only Novices and non-licensed members qualify as Associates. All dues are required to be paid within 30 days of their due date.

S-E-E
Bill McDowell, K4CIA
RARS TREASURER
at the next meeting
OR
Mail Your Check To
P.O. Box 12541

FIELD DAY

Anyone who has equipment to be used for Field Day - JUNE 26th & 27th.....Contact Dan Wolfe.
TELEPHONE: 772-5822
We need antennas, guy wire, coax cable, extension cords, tools, etc. etc.

YAKKEY---DEE---YAK FROM THE EDITOR

The Raleigh Amateur Radio Society is looking for another active member to hold a public-relations job for the club. So far, no one has volunteered for the job & if one doesn't come forward soon, the Executive Committee will have to enact the "ole railroad act" again. The club has a number of members that will do a good job. And these members, at the present, have no regular duties to help keep the club going, except attending meetings... which is very important. The more the jobs are spread out, the more active and interesting the club will be. There is no reason to load down someone who already has duties to perform.

One of the first duties would be to write the ARRL for their public relations kit. It contains sample articles for almost every situation you might wish to publicize. The article in the February "QST" on page 64 is worth reading for some ideas.

A regular duty for the RARS public relations man is to send meeting notices to the local newspapers and broadcasting stations in Wake County. The RARS News is now being sent to newspapers and broadcasting stations in Rlgh. News releases on RARS activities - such as Field Day, hamfests, and awards - to - members could be sent out. Stories on interesting or unusual QSO's attract readers and create interest in amateur radio. Occasionally, the PR man would be interviewed or set up interviews for newspapers, radio and TV. Certainly the RARS has some one in our midst that can handle the job. We need him now.

Dave, W4YDY

CONGRATULATIONS!

We have 3 new hams in the Raleigh area - all XYL's...

Audrey Browne WN4TYA

Joanne Littlewood WN4TYB

Pam Johnson WN4TYC

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RARS QSL CARDS

RARS members now have the opportunity to purchase QSL cards with the club emblem. The cards will also have your name and address, awards such as WAS, DXCC, etc. and call letters. Prices are 1000 @ $ 16.25; 500 @ $ 10.75; 250 @ $ 8.50; 100 @ $ 6.00. Call Bob Workman - WA4ZZN at 834-1544 to place your order.

BUGS STRIKE RARS MEMBERS

The flu bug caught up with Bob Johnson, W4CQJ, so Bob Corns, K4MC, filled in and became the auctioneer for the night at the February meeting. A good time was had by all. Also..Ed Alderman, WA4PEN, had lost his voice and Lee Johnson, WA4ZNA, also was an excellent stand-in. We hope the bugs are gone and everyone will be healthy for the March meeting.

RARS HAS HIGH RATE OF ATTENDANCE

At the January meeting, the RARS had 50 in attendance. Of these, 47 were members and three were visitors. More than 70% of the membership were represented. Let's make it higher!

A REPRESENTATIVE DEMOCRACY

"We take only one fiction magazine - 73, and what we don't quite understand is the constant bickering about what a bunch of dummies are members of the League that won't vote those no-good directors out of office. Someone doesn't seem to understand that the reason those directors are re-elected is because that's the way the members want it. Maybe some day it will dawn on someone that those directors are actually representatives of the membership because that's the way the members want it." From AUTO-CALL

FOR SALE

18 AVQ Vertical, 18 months old, excellent condition, $ 30.00. Heath Sixer $ 10.00. Wanted: R.F. Bridge and Impedance Bridge.
Mike Wood, WA4UXU PHONE: 832-3101

CAROLINAS TRAFFIC NET - 3573 KHz

Total Traffic.....	87	Total Check-ins.....	217	Total Net Time.....	538 mins.
Average Traffic....	3	Average QNI.....	7.4	Average Net Time....	18.5
Message Rate.....	.162	Different Stations....	35	Total Sessions.....	29

QNI

Station	QNI	NCS	4RN	Station	QNI	NCS	4RN	Station	QNI	NCS	4RN
K4MC	29	2	9	WB4QNP	11	3	3	K4CPX	4	0	0
W4IRE	18	6	6 (NCS 4RN)	W4NTO	8	0	0	K4CWW	4	0	0
W4PCN	18	2	4	K4CWZ	8	0	0	WB4OQH	4	0	0
W4WXZ	17	6	1	K4OCU	8	0	0	WB4MQC	3	0	0
VE2ACH/W4	17	2	4	K4LND	7	2	2	WB4MLI	2	1	0
W4EVN	15	4	2 (NCS 4RN)	K4JIF	7	0	0	WB4OVQ	2	0	0
WB4DFO	14	0	0	WB4BGL	6	0	1	W1OA/4	2	0	0
W4NHT	12	0	0	WB4ETP	5	0	0	K4PJW	1	0	0

Remaining stations, one check-in: W4JQO, W4LOV, W4PED, WA4ZLJ, WB4BZA, WB4NIK

OUT-OF-STATE

WA4OWY/Ø	4	0	0	W4YZC/4	1	0	0	WB4OJD	1	0	0
WA8POS	2	0	0	K4YUP	1	0	0				

The following indicates participation in the Simulated Emergency Test (SET). Stations participating in the CN were: K4MC, W4PCN, WB4BGL, W4IRE, VE2AGM/W4, W4WXZ, W4EVN, WB4QNP, WB4ETF, K4LND, W4OTE, WB4SKB, K4DJZ, K4KH, W4RWL, K4RUQ, W4BFB, WA4FFW, WB4NOM, WB4HGT, W1OA/4, K4CPX, K4CIA, and WA4VNV.

W4WXZ controlled six sessions, K4MC three sessions, K4LND two sessions, WB4BGL one session. WB4QNP controlled a session; however, no report received.

Multi-visits to 4RN were made by K4MC, WB4BGL, W4IRE, VE2AGM/W4, W4WXZ, W4EVN, K4LND, W4RWL and WB4QNP.

The CN ran just about continuous for the two eight-hour periods during the SET. A backlog of 4RN traffic which should have flowed through the 4RN to EAN resulted early due to shortness of help on EAN/4RN reps. This took several days to dissipate.

Different stations - 24 Out-of-State - WB4KCM, K4PQL/4, W3ACS.

Traffic passed during two days of SET sessions - 140.

Stations working as NCS - 5

Chuck Brydges, W4WXZ
RM FOR NORTH CAROLINA

SET

Participation in SET 30-31 January 1971 was, so far as is data available, a R A R S affair. Since the county EC was absent from the 3 Feb. meeting of the RARS because of a trip to Fla. the big CW Net participant, Bob-W4MC had to fill in for the sick W4CQJ as auctioneer, and the planned substitute for the EC was absent, data is not complete. To kick things off, however, announcements re the SET were put out in Raleigh's two newspapers on 29 January & two obliging radio stations WKIX and WPTF announced that SET was in progress, the first announcement coming at 1200 hours on 30 Jan. asking all hams to report into one of the established NC ham nets. Traffic passed by a total of 6 hams, viz. W4MC, W4FMN, W4RUH, W4CIA, W4WWD, and WB4HHI, consisted of 33 originations, 72 receipts, 14 deliveries, and 47 relays. The active administrative participation by a non-ham, Norm Ramge of our county CD office, was most encouraging. We are all waiting for Norm to grab that ticket cuz he'll be a gudun. Let's go ALL THE WAY, Norm! As usual, Bob Corns was the big gun with the key and was most helpful educating the embryonic newly appointed EC of Wake County. The big lessons from S E T are, in my opinion, our woeful lack in the establishment of workable nets and procedures in emergency situations. This lack is not unique, I'm afraid, but hopefully we in Wake and NC can strive to do better. Voice nets are particularly weak and CW nets at the moment could not survive if a handfull of really good CW artists disappeared. So this SET created many stimuli; the next one should bbtr, mch btr.

Bert Bailey, W4FMN,
EC, Wake County (RR vote)

F M F O R C I V I L D E F E N S E

During the past several months, we have been considering the pros and cons of "FM" six and two-meter communications versus "AM." We asked ourselves these questions:

(1) Would a switch from AM to FM enhance the amateur radio emergency capability in a county?

(2) What sources of supply of FM equipment are available?

(3) How much technical "know how" is available in each county?

(4) What test equipment peculiar to FM equipment would have to be procured?

We have received inquiries on this subject from several Civil Defense Directors in the last six months. We could not answer several of the questions. In some cases we could not even give opinions.

Since many Civil Defense Directors lean heavily on local amateurs for technical guidance, advice and recommendations, it is reasonable to assume that amateurs throughout the state have already been asked questions concerning amateur FM radio or in all probability will get questions along these lines in the near future.

With this in mind, it might be a good idea to dig out the books and other reference material and formulate some opinions, and establish some facts on which to base recommendations covering a switch from AM to FM in the VHF range.

Clif Blalock (W4GLK), Communications Officer

M I N I - T E C H N I C A L R E V I E W

Feb QST starts off wid another slugfest over the quad-vs-beam joust. The statistical analysis suffers from, as might be expected, a small population, but if you got more, write ur own. The quad wins agn, by the way. Timely bit on receiving FM, the 2d of 2 articles, is next, followed by a 2M KW rig. So fergit the match es math, kick in the gallon. Further penetration into the IC domain appears, with an all too short bit on flip-flops. Homebrewed xcvr fer 160-6M, 15M beam, and Ham-M rotor modification are some of the more newsy items following. A most unusual story is related re a member of the crew of the Pueblo, K1SCQ, during his interment at an NK prison. U must read; vy gud. Wat do U do wn a guard waves a burp gun at U es spits out CW? Code, anyone? Since the RARS is looking fer a PIO, take a look at the FB article on hamdom and the press on p64. Let's read es step forward; all elections do not have to be via the RR...so I tell myself. Geo Hart's section on the public service aspects appears to be getting bigger every issue. FB. Station activities fer Roanoke Div shows K4MC still soloing from our group. Maybe we can hep sn, podnuh.

Feb HAM has a bit on a KW linear for 6M. Looks like all bands gotta have a linear. Other FB articles are about HB filters and preamps for both 2 and 6M, SSB speech clipping, QRP xmtrs on 2 and 10M built wid FET's in every stage, improving the Motorola P33 2M rig, and MOSFET converters for 6 es 2. To avoid complete VHF domination, there is a bit on RTTY, the ST6 demod. Any queries, see Tom the RTTY man (our own K4CQJ). The Repair Bench gives real gud poop re trubshooting equipment on the ham bench, adapted from Belt's and Sams' 1-2-3-4 Servicing (the reliable GI approach, step-by-step). Remaining articles are also gud, but this is not an index so read for urself and see how FB this HAM is.

Feb CQ is loaded with VHF and FM but first turn to p56 and see our own intrepid peripatetic club member, Stu Meyer, receiving his DX HALL OF FAME AWARD from CQ's DX Editor K4IIF. Nice going, Stu. Wn U gung W1Ø land wid Shepard, WØMOON? To lapse into the prosaic, we also note plans for a tabletop linear for the 80-40-20M bands. Anybody without a linear this month may as well go AM I gess. Now we know wha' hoppen to the nametags stacking up. Ole John was racking up 119K pernts in the 1970 CQ WW WPX SSG pileups. Way to go, W4WWD, keep us on the map. Under Surplus, a rundown on recent GI handy-talkies is well presented. Wid no poop on the SCR609, can't be too current but OK.

Feb 73 begins with its usual 90 degree rotation, listing rebuttals on the Repeater proposal RM1725, loss of license by a ham, apparently most uncouth and who shud have been locked up long ago, and a candid admission that the use of ham radio for criminal purpose is not unlawful. FB, that speeds our progress toward complete disintegration; ur welcome, Russia es Chinks. Metal locators, clear expose of varactors, AFSK from the SSB rig, 2 articles on how simple it is to get on SSTV (?), and a tuning indicator for RTTY es FAX are next discussed (but first rotate -90 degrees). Among other short but newsy bits are how to build a code oscillator with but one IC, and a beeper. 73's class on GC license is followed by a sales pitch for RTTY, a perf-board terminal and tuning verticals. 73 closes a FB issue with an intriguing listing of new products.

Bert Bailey, W4FMN

Q S L

During the Jan. CQ CD Party, your new EC got his feet wet real quick and joined the fun, receiving a welcome QSL from our old benefactor, from usually friendly Virginia (unguarded borders are proof), none other than Vic-W4KFC. No slouch wid the key, mike, or QSLS, Vic shipped his QSL apparently during the points exchange. A real pro!

EC, Wake County, W4FMN

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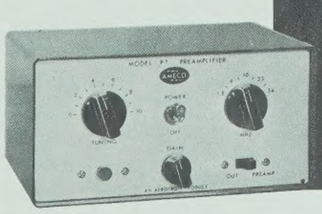

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RARS

CALENDAR of EVENTS

MARCH 3	Regular Meeting
MARCH 6 – 7	ARRL DX Competition/Phone
MARCH 16	Executive Committee meets
MARCH 20 – 21	ARRL DX Competition/CW
APRIL 7	Regular Meeting
APRIL 20	Executive Committee meets
MAY 5	Regular Meeting
MAY 18	Executive Committee meets
JUNE 2	Regular Meeting
JUNE 15	Executive Committee meets
JUNE 26 – 27	ARRL Field Day

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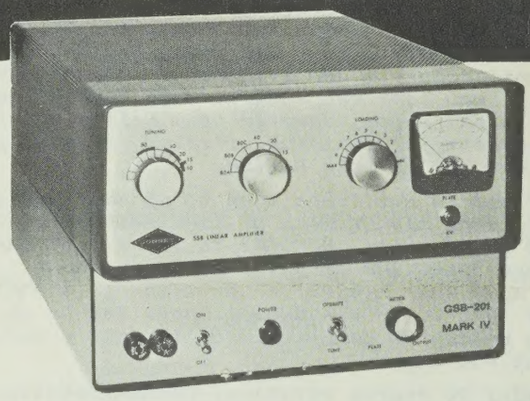

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